APPLICANT(S) FOR DO/EO/US Nils ZETTERVALL Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 2. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), 3. П (9) and (24) indicated below.  $\boxtimes$ The US has been elected (Article 31). 4. X A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) 5. a. 🖾 is attached hereto (required only if not communicated by the International Bureau). b. 🗆 has been communicated by the International Bureau. c. 🖂 is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). П a. 🔲 is attached hereto. b. 🗆 has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) a. 🛚 are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. c. 🗆 have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). A copy of the International Preliminary Examination Report (PCT/IPEA/409). 11. 12. A copy of the International Search Report (PCT/ISA/210). Items 13 to 23 below concern document(s) or information included: 13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment. 16. 17 A substitute specification. 18. A power of attorney and/or change of address letter. 19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 21. 22.  $\boxtimes$ Express Mail Label No. EV 680214692 US 23. Other items or information:

AP6 Rec'd PCT/PTO 18 JUL 2101 Bio (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.						ATTORNEY'S DOCKET NUMBER		
Luerewit 0 5 6 4 PCT/SE2005/000160						4298-156 US		
The following fees are submitted:						CALCULATIONS	PTO USE	
24. Basic national fee						\$ \$300.00		
25. Examination fee  If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)						\$ \$100.00		
26. Search fee  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority						\$ \$400.00		
TOTAL OF 24, 25 and 26 =						\$ \$800.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets Number of each additional 50 or fraction thereof (round up to a who				RATE			
10 - 100 =	0 /50 =	0			× \$250.00	\$ \$0.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).						\$ \$130.00		
CLAIMS NUMBER FILED NUMBER EXTRA RATE								
Total claims	13	- 20 =	0	х_	\$50.00	\$ \$0.00		
Independent clair	ms 2	- 3=	0	×	\$200.00	\$ \$0.00		
MULTIPLE DEPENDENT CLAIMS (if applicable) ☐ + \$360.00						\$ \$0.00		
TOTAL OF ABOVE CALCULATIONS =						\$ \$930.00		
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.						\$ \$465.00		
SUBTOTAL =						\$ \$465.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).						\$ \$0.00		
						\$ \$465.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +						\$ \$0.00		
TOTAL FEES ENCLOSED =						\$ \$465.00		
						Amount to be	\$	
·						Amount to be	\$	
a. 🛛 A check in the amount of \$ \$465.00 to cover the above fees is enclosed.								
b. Please charge my Deposit Account No. in the amount of to cover the above fees.  A duplicate copy of this sheet is enclosed.								
c.  The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-2165 . A duplicate copy of this sheet is enclosed.								
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
SEND ALL CORRESPONDENCE TO:						2		
Diane Dunn McKay, Esq. SIGNATURI						E		
Mathews, Shepherd, McKay & Bruneau, P.A.  Diane Dur						ın McKay, Esq.		
100 Thanet Circle, Suite 306 Princeton, NJ 08540 NAME								
Tel: 609 924 8555 34,586					34,586			
Fax: 609 924 3036 REGISTRA						TION NUMBER		

IAP6 Rec'd PCT/PTO 18 JUL 2006

## "EXPRESS MAIL CERTIFICATE"

"Express Mail" mailing label number: EV 680214692 US

Express Mail Corporate Account Number: XO88384

Date of Deposit: July 18, 2006

## CNPBOST4P4SAZ

## Type of Documents:

- 1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. § 371 (two (2) sheets);
- 2. Unexecuted Declaration and Power of Attorney (three (3) sheets);
- 3. Copy of International Application Published Under the Patent Cooperation Treaty (PCT) (including International Search Report);
- 4. Specification (eight (8) pages (including claims and Abstract);
- 5. Two (2) sheets of Formal Drawings;
- 6. Copy of Form PCT/IB/308;
- 7. "Express Mail" Certificate;
- 8. One (1) Acknowledgement Postcard; and
- 9. Check for \$465.00.

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Diane Dunn McKay, Esq.

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)